

1/19

00000000000000000000000000000000

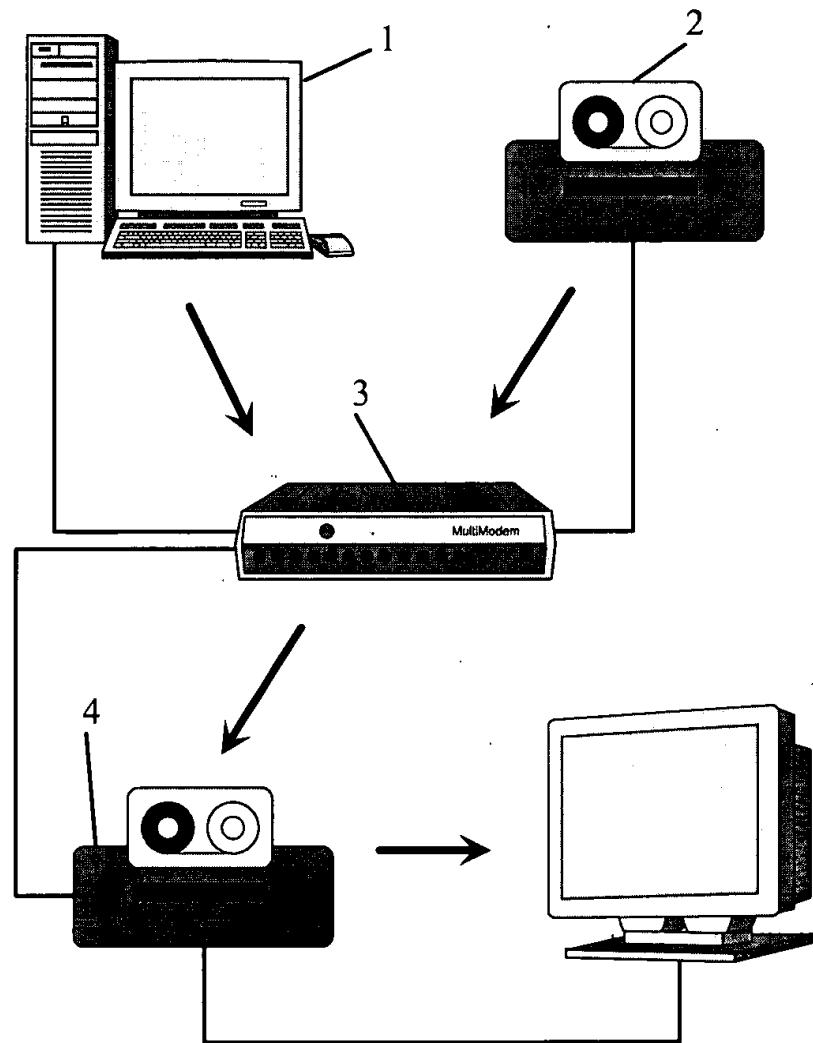
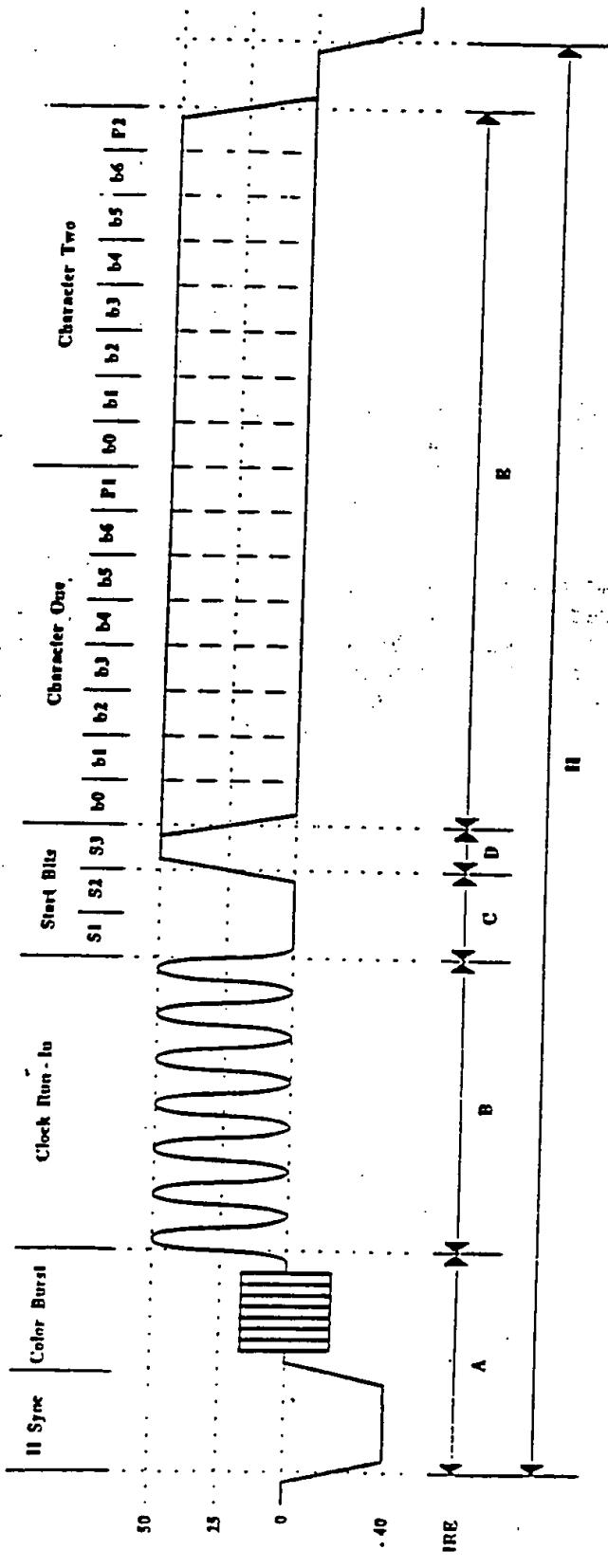


Figure 1

LINE 21 WAVEFORM DIAGRAM

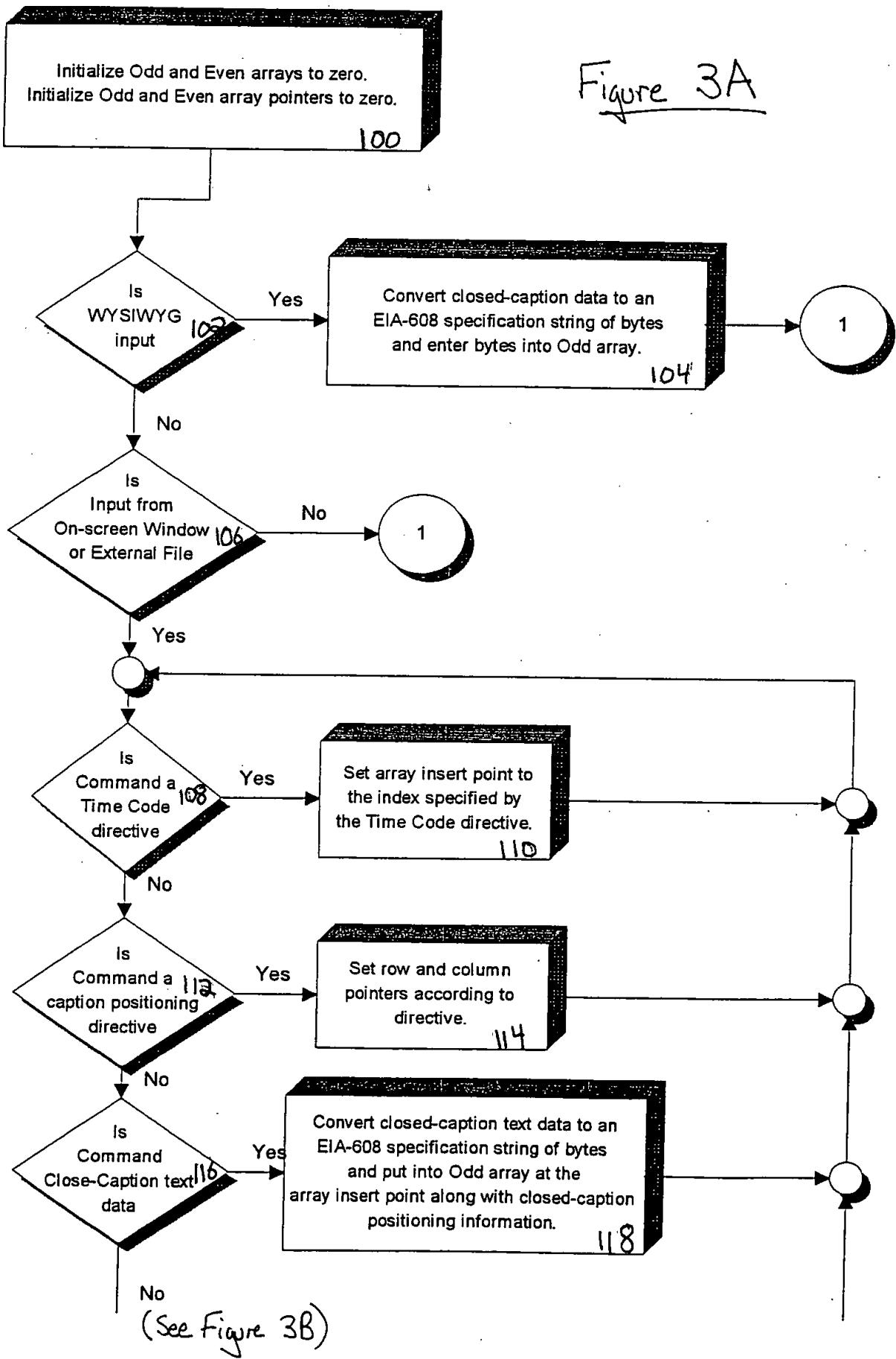
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FIGURE 2



NOTES:

- 1) All interval measurements are made from the midpoints (half amplitude) on all edges.
- 2) If only one of the two fields is being encoded, the other field shall not be altered.
- 3) If both fields are to be encoded, each field shall be encoded within the tolerance specified in Table I. The transmission channel between the encoder output and the decoder input shall not change the difference in the amplitudes of corresponding signal parameters between the two fields by more than ± 2 IRE.
- 4) Deviations introduced anywhere in the signal due to source generated switching transients shall be no greater than ± 2 IRE. However, decoders should accept larger deviations which may be introduced by passing the signal through a transmission channel and/or signal security system.



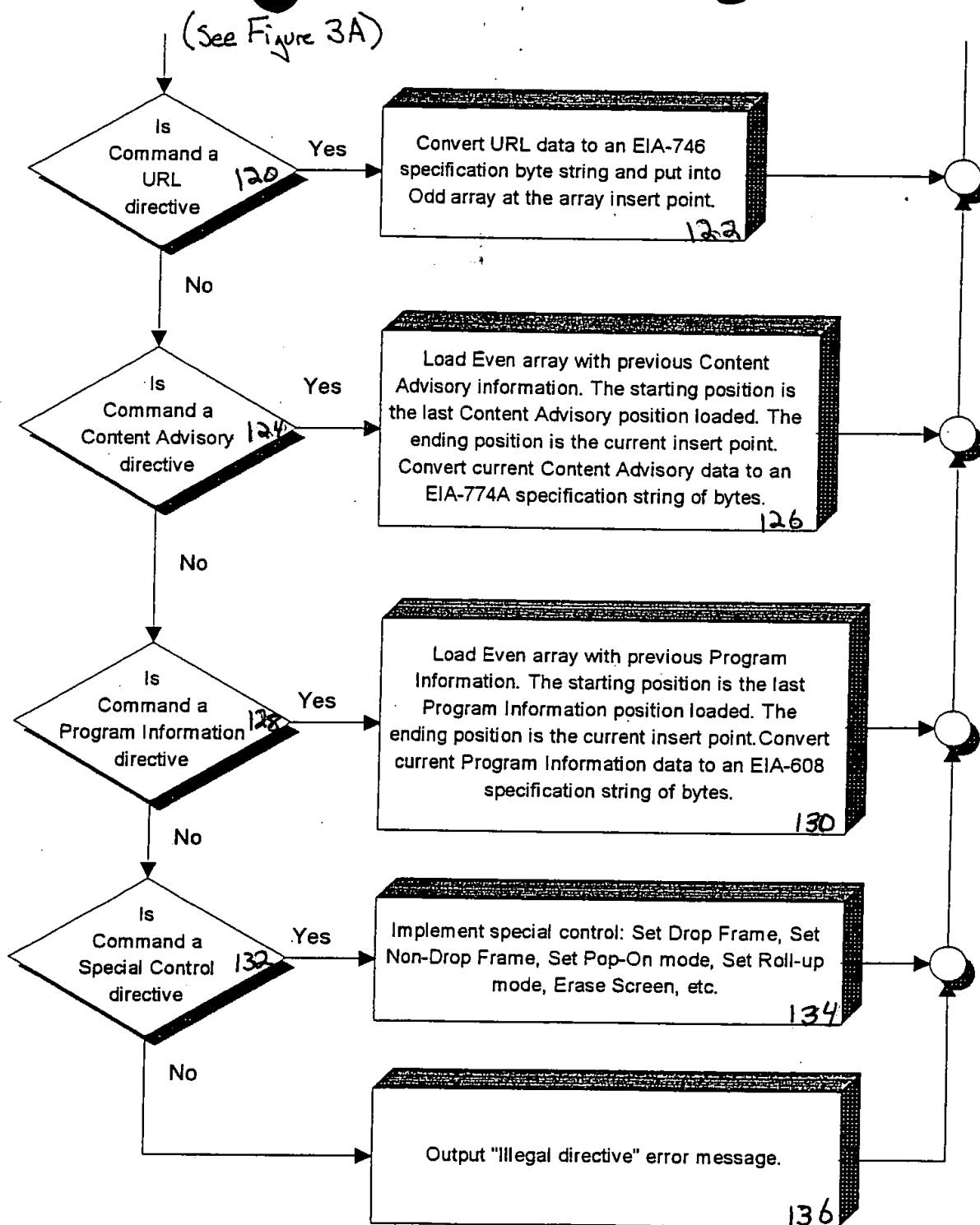


FIGURE 3B

09521001-09209000

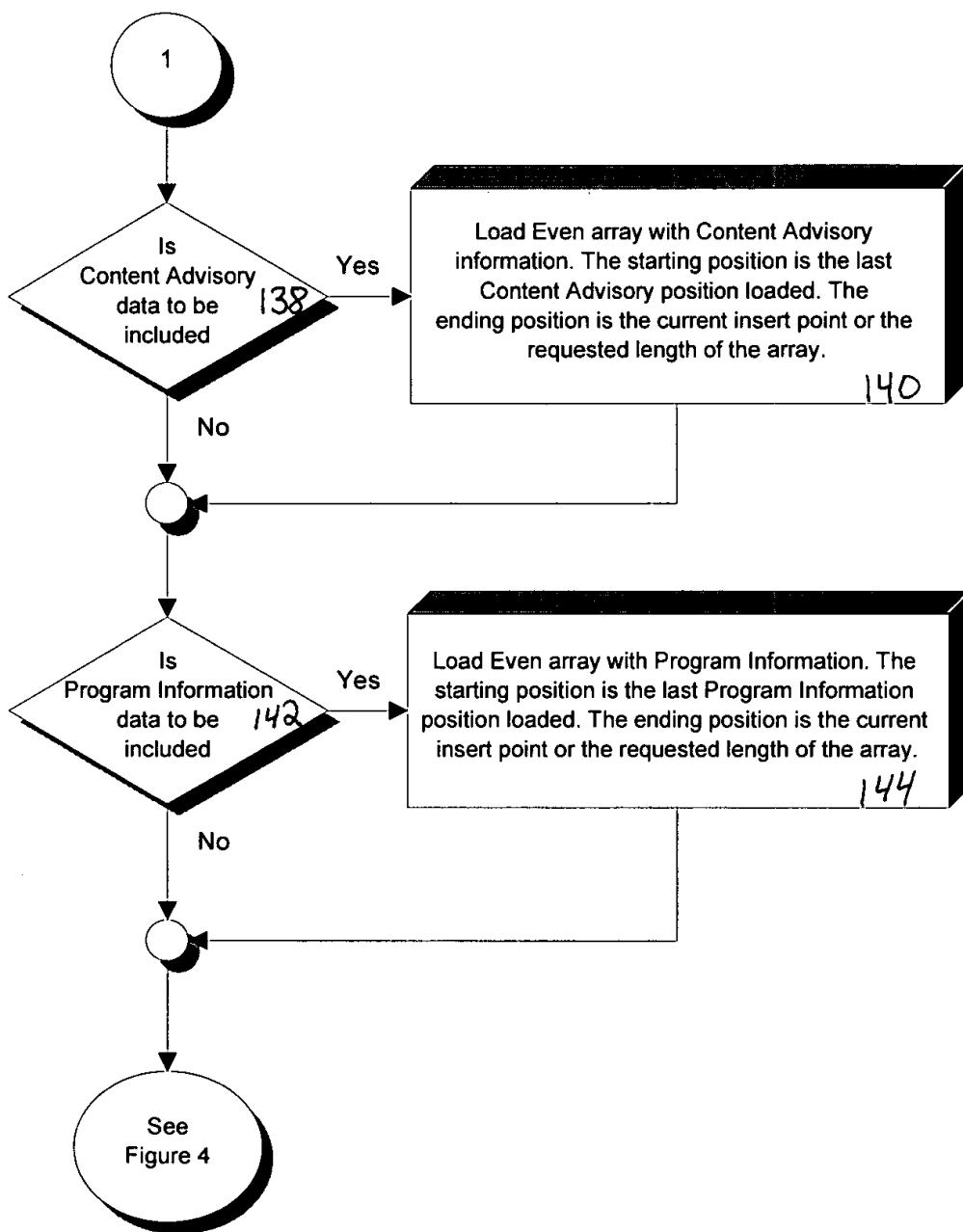


FIGURE 3C

DRAFT - DO NOT DISTRIBUTE

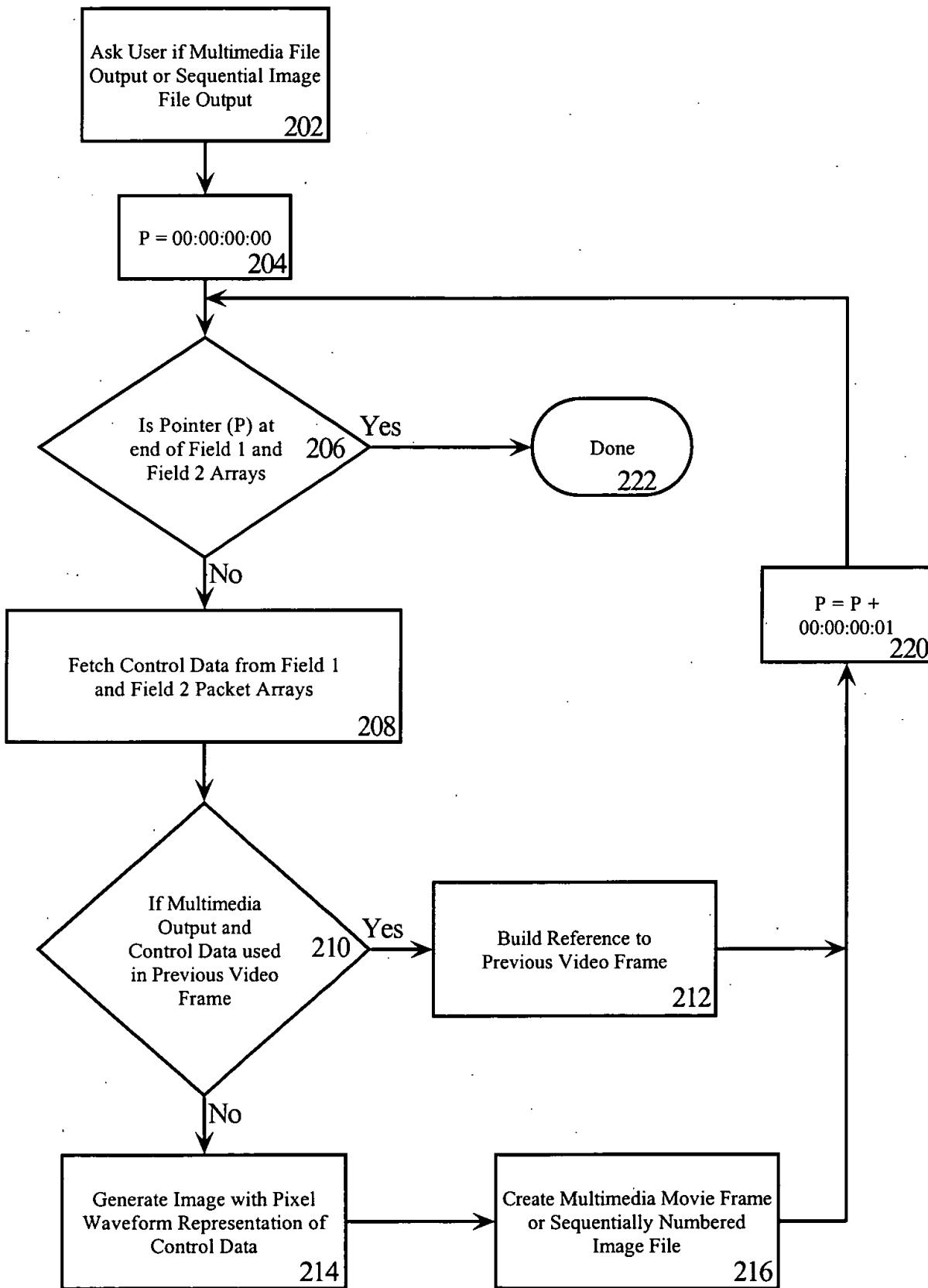


Figure 4

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Control Window

Input Source

Caption Window
 Pop-up Paint-on RU2 RU3 RU4
 Text Window
 File "Sample 11"
Change file name

Include Rating Information

Parental Guide **Set Rating**
 MPAA
 Canadian English
 Canadian French
Current rating: TU-PG S

Include Program Title, Type, Length, and Time-In-Show **Enter Values**

Delay Value **00:10:00**
 Duration **01:00:00**
 Time Code Offset **01:00:00:00**
 Verbose

Reset **Verify** **Process**

FIGURE 5

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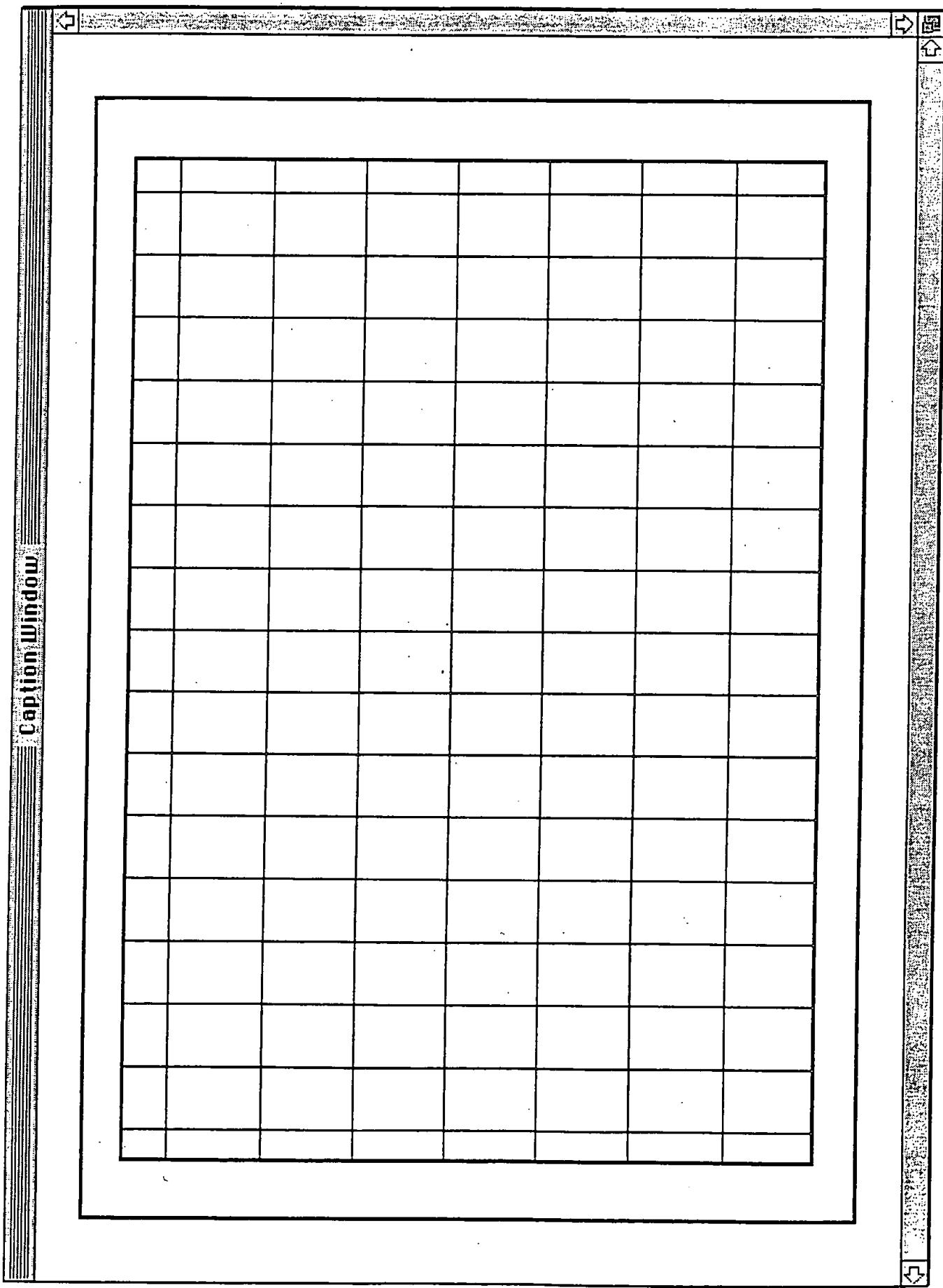


FIGURE 6

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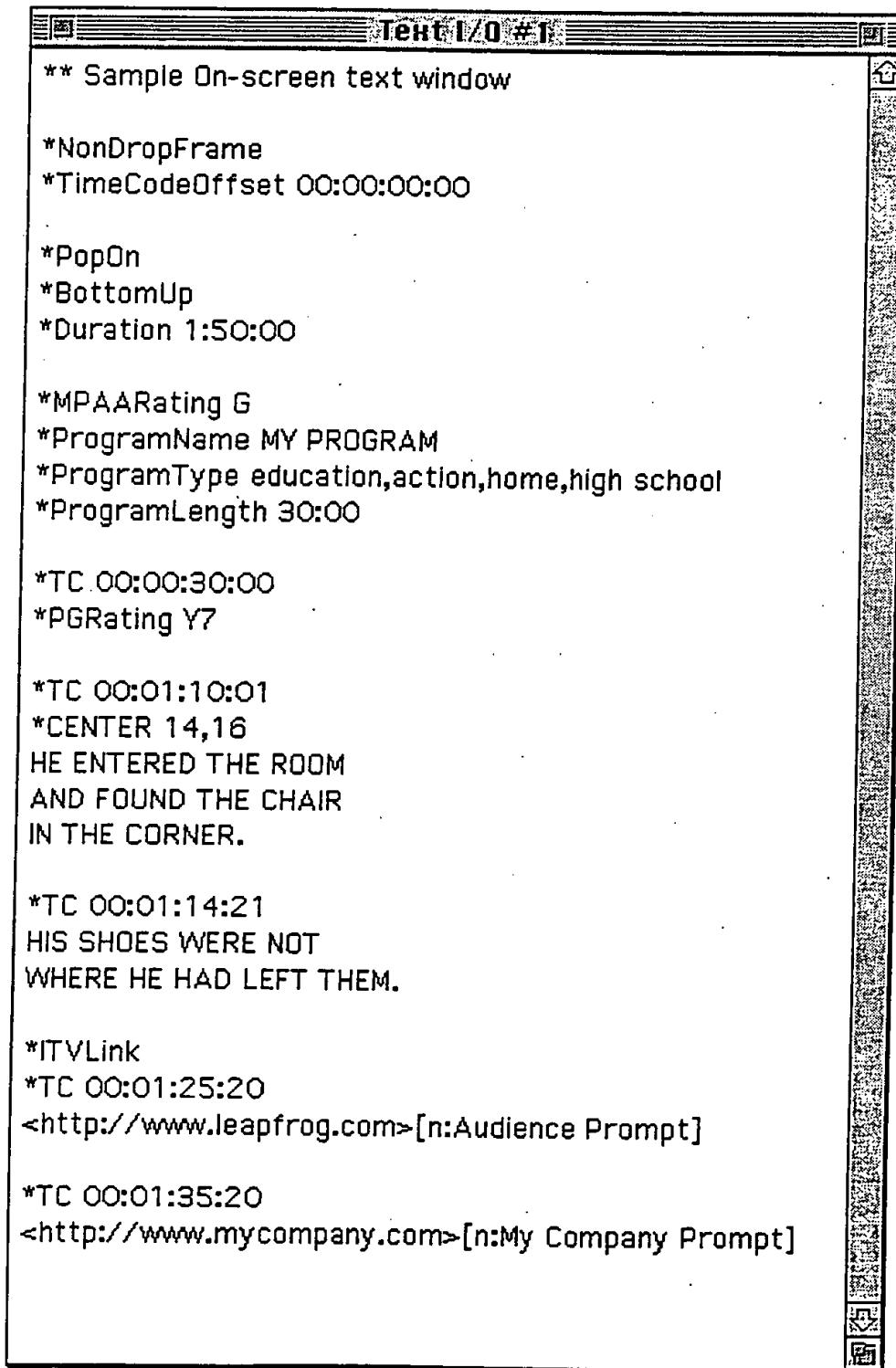


FIGURE 7

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	FU	U	S	L	D
TU-MR	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TU-14	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TU-PG	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TU-G	<input type="radio"/>				
TU-Y7	<input type="radio"/>	<input type="checkbox"/>			
TU-Y	<input type="radio"/>				
none	<input checked="" type="radio"/>				

Television Parental Guidelines

Cancel **OK**

FIGURE 8

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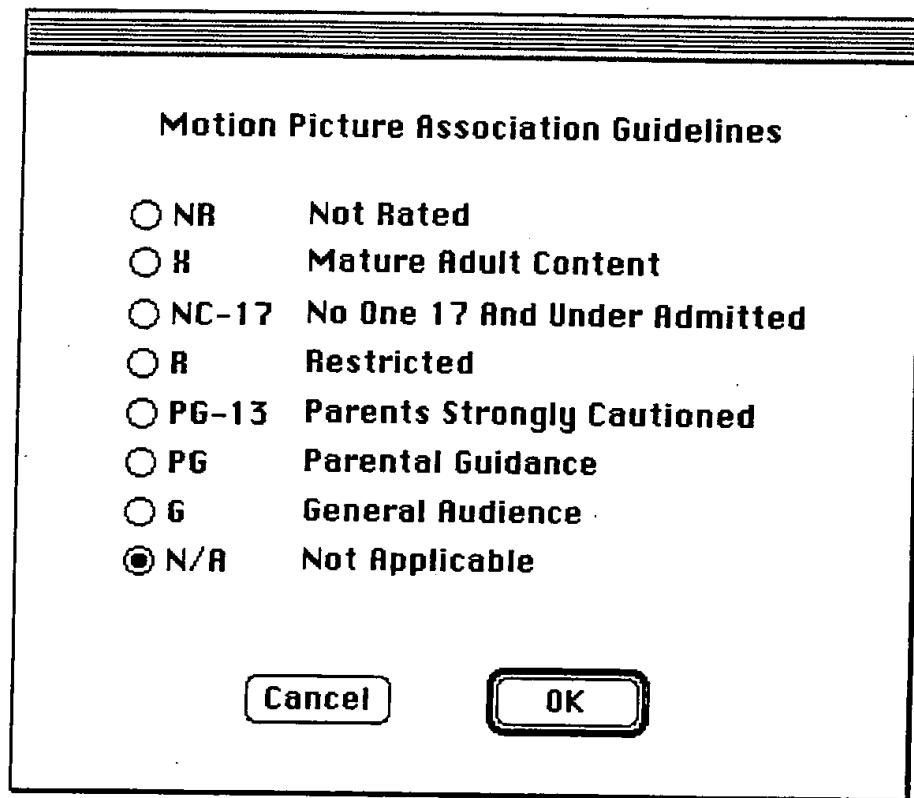


FIGURE 9

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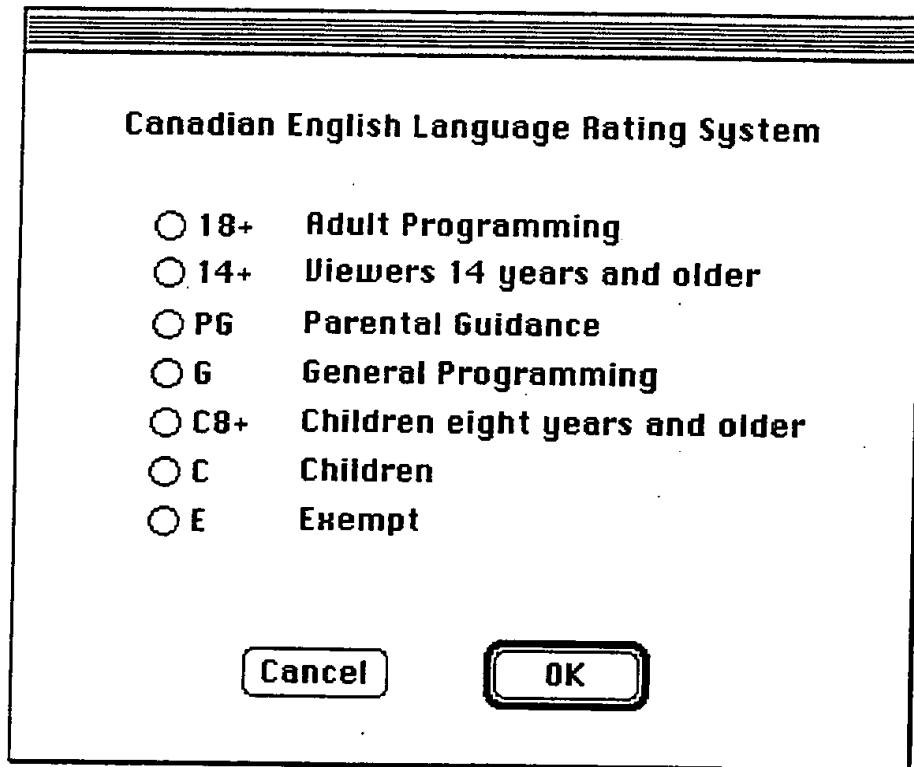


FIGURE 10

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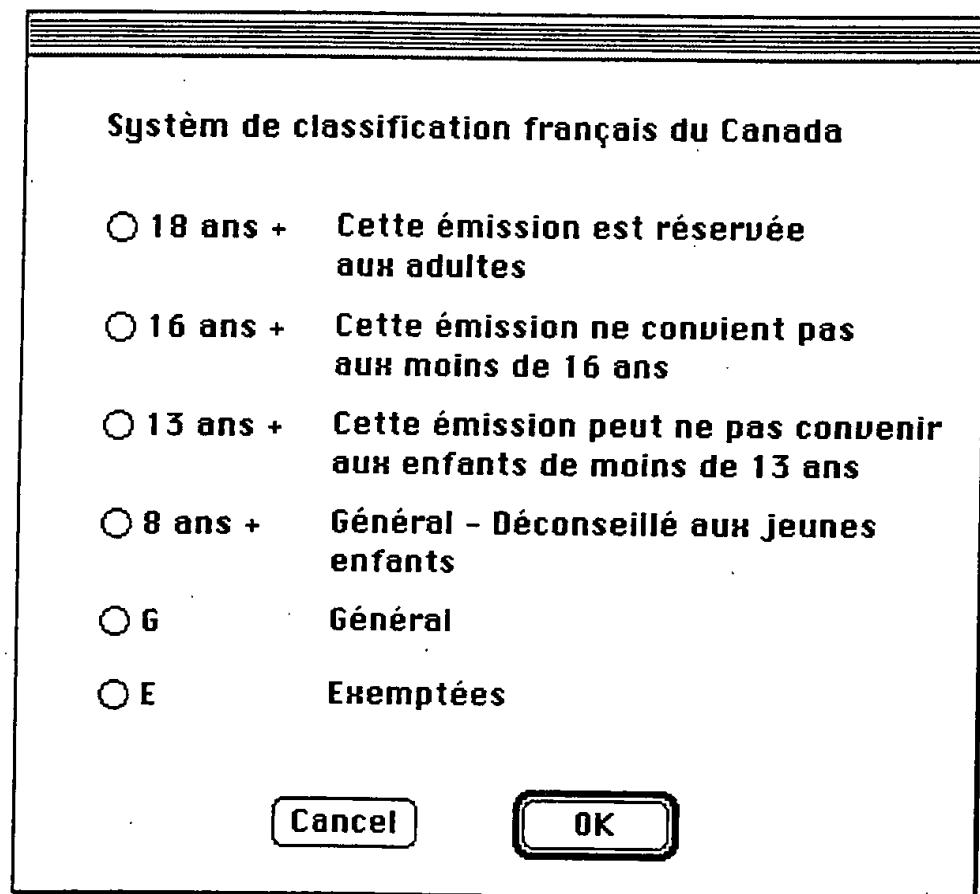


FIGURE 11

14
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PROGRAM INFORMATION WINDOW																																																																																	
Name	<input type="text"/>																																																																																
Basic Keyword Group	<input type="checkbox"/> Education <input type="checkbox"/> Entertainment <input type="checkbox"/> Movie <input type="checkbox"/> News <input type="checkbox"/> Religion <input type="checkbox"/> Sports <input type="checkbox"/> Other <input type="checkbox"/> Length <input type="checkbox"/> Hours <input type="checkbox"/> none▼ <input type="checkbox"/> Min <input type="checkbox"/> none▼																																																																																
Detail Keyword Group (0 detail items, 0 total)	<table border="0"> <tr> <td><input type="checkbox"/> Action</td> <td><input type="checkbox"/> Concert</td> <td><input type="checkbox"/> Football</td> <td><input type="checkbox"/> Instruction</td> <td><input type="checkbox"/> Nature</td> </tr> <tr> <td><input type="checkbox"/> Advertise...</td> <td><input type="checkbox"/> Consumer</td> <td><input type="checkbox"/> Foreign</td> <td><input type="checkbox"/> Internat...</td> <td><input type="checkbox"/> Police</td> </tr> <tr> <td><input type="checkbox"/> Animated</td> <td><input type="checkbox"/> Contemporary</td> <td><input type="checkbox"/> Fund Raiser</td> <td><input type="checkbox"/> Interview</td> <td><input type="checkbox"/> Politics</td> </tr> <tr> <td><input type="checkbox"/> Anthology</td> <td><input type="checkbox"/> Crime</td> <td><input type="checkbox"/> Game/Quiz</td> <td><input type="checkbox"/> Language</td> <td><input type="checkbox"/> Premiere</td> </tr> <tr> <td><input type="checkbox"/> Automobile</td> <td><input type="checkbox"/> Dance</td> <td><input type="checkbox"/> Garden</td> <td><input type="checkbox"/> Legal</td> <td><input type="checkbox"/> Soap Opera</td> </tr> <tr> <td><input type="checkbox"/> Awards</td> <td><input type="checkbox"/> Documentary</td> <td><input type="checkbox"/> Golf</td> <td><input type="checkbox"/> Live</td> <td><input type="checkbox"/> Special</td> </tr> <tr> <td><input type="checkbox"/> Baseball</td> <td><input type="checkbox"/> Drama</td> <td><input type="checkbox"/> Government</td> <td><input type="checkbox"/> Local</td> <td><input type="checkbox"/> Suspense</td> </tr> <tr> <td><input type="checkbox"/> Basketball</td> <td><input type="checkbox"/> Elementary</td> <td><input type="checkbox"/> Health</td> <td><input type="checkbox"/> Math</td> <td><input type="checkbox"/> Talk</td> </tr> <tr> <td><input type="checkbox"/> Bulletin</td> <td><input type="checkbox"/> Erotica</td> <td><input type="checkbox"/> High School</td> <td><input type="checkbox"/> Medical</td> <td><input type="checkbox"/> Technical</td> </tr> <tr> <td><input type="checkbox"/> Business</td> <td><input type="checkbox"/> Exercise</td> <td><input type="checkbox"/> History</td> <td><input type="checkbox"/> Meeting</td> <td><input type="checkbox"/> Tennis</td> </tr> <tr> <td><input type="checkbox"/> Classical</td> <td><input type="checkbox"/> Fantasy</td> <td><input type="checkbox"/> Hobby</td> <td><input type="checkbox"/> Military</td> <td><input type="checkbox"/> Travel</td> </tr> <tr> <td><input type="checkbox"/> College</td> <td><input type="checkbox"/> Farm</td> <td><input type="checkbox"/> Hockey</td> <td><input type="checkbox"/> Miniseries</td> <td><input type="checkbox"/> Variety</td> </tr> <tr> <td><input type="checkbox"/> Combat</td> <td><input type="checkbox"/> Fashion</td> <td><input type="checkbox"/> Home</td> <td><input type="checkbox"/> Music</td> <td><input type="checkbox"/> Video</td> </tr> <tr> <td><input type="checkbox"/> Comedy</td> <td><input type="checkbox"/> Fiction</td> <td><input type="checkbox"/> Horror</td> <td><input type="checkbox"/> Mystery</td> <td><input type="checkbox"/> Weather</td> </tr> <tr> <td><input type="checkbox"/> Commentary</td> <td><input type="checkbox"/> Food</td> <td><input type="checkbox"/> Information</td> <td><input type="checkbox"/> National</td> <td><input type="checkbox"/> Western</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/> Science</td> </tr> </table>	<input type="checkbox"/> Action	<input type="checkbox"/> Concert	<input type="checkbox"/> Football	<input type="checkbox"/> Instruction	<input type="checkbox"/> Nature	<input type="checkbox"/> Advertise...	<input type="checkbox"/> Consumer	<input type="checkbox"/> Foreign	<input type="checkbox"/> Internat...	<input type="checkbox"/> Police	<input type="checkbox"/> Animated	<input type="checkbox"/> Contemporary	<input type="checkbox"/> Fund Raiser	<input type="checkbox"/> Interview	<input type="checkbox"/> Politics	<input type="checkbox"/> Anthology	<input type="checkbox"/> Crime	<input type="checkbox"/> Game/Quiz	<input type="checkbox"/> Language	<input type="checkbox"/> Premiere	<input type="checkbox"/> Automobile	<input type="checkbox"/> Dance	<input type="checkbox"/> Garden	<input type="checkbox"/> Legal	<input type="checkbox"/> Soap Opera	<input type="checkbox"/> Awards	<input type="checkbox"/> Documentary	<input type="checkbox"/> Golf	<input type="checkbox"/> Live	<input type="checkbox"/> Special	<input type="checkbox"/> Baseball	<input type="checkbox"/> Drama	<input type="checkbox"/> Government	<input type="checkbox"/> Local	<input type="checkbox"/> Suspense	<input type="checkbox"/> Basketball	<input type="checkbox"/> Elementary	<input type="checkbox"/> Health	<input type="checkbox"/> Math	<input type="checkbox"/> Talk	<input type="checkbox"/> Bulletin	<input type="checkbox"/> Erotica	<input type="checkbox"/> High School	<input type="checkbox"/> Medical	<input type="checkbox"/> Technical	<input type="checkbox"/> Business	<input type="checkbox"/> Exercise	<input type="checkbox"/> History	<input type="checkbox"/> Meeting	<input type="checkbox"/> Tennis	<input type="checkbox"/> Classical	<input type="checkbox"/> Fantasy	<input type="checkbox"/> Hobby	<input type="checkbox"/> Military	<input type="checkbox"/> Travel	<input type="checkbox"/> College	<input type="checkbox"/> Farm	<input type="checkbox"/> Hockey	<input type="checkbox"/> Miniseries	<input type="checkbox"/> Variety	<input type="checkbox"/> Combat	<input type="checkbox"/> Fashion	<input type="checkbox"/> Home	<input type="checkbox"/> Music	<input type="checkbox"/> Video	<input type="checkbox"/> Comedy	<input type="checkbox"/> Fiction	<input type="checkbox"/> Horror	<input type="checkbox"/> Mystery	<input type="checkbox"/> Weather	<input type="checkbox"/> Commentary	<input type="checkbox"/> Food	<input type="checkbox"/> Information	<input type="checkbox"/> National	<input type="checkbox"/> Western					<input type="checkbox"/> Science
<input type="checkbox"/> Action	<input type="checkbox"/> Concert	<input type="checkbox"/> Football	<input type="checkbox"/> Instruction	<input type="checkbox"/> Nature																																																																													
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<input type="checkbox"/> Awards	<input type="checkbox"/> Documentary	<input type="checkbox"/> Golf	<input type="checkbox"/> Live	<input type="checkbox"/> Special																																																																													
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<input type="checkbox"/> Commentary	<input type="checkbox"/> Food	<input type="checkbox"/> Information	<input type="checkbox"/> National	<input type="checkbox"/> Western																																																																													
				<input type="checkbox"/> Science																																																																													
<input type="button" value="Clear Keywords"/> <input type="button" value="Cancel"/> <input type="button" value="OK"/>																																																																																	

FIGURE 12

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Interactive Television Link Generator

URL

Type none network sponsor
 program station operator

Name

Expires Year Month Day
Hour Min TZ

Script

View TU Web Abbreviated

FIGURE 13

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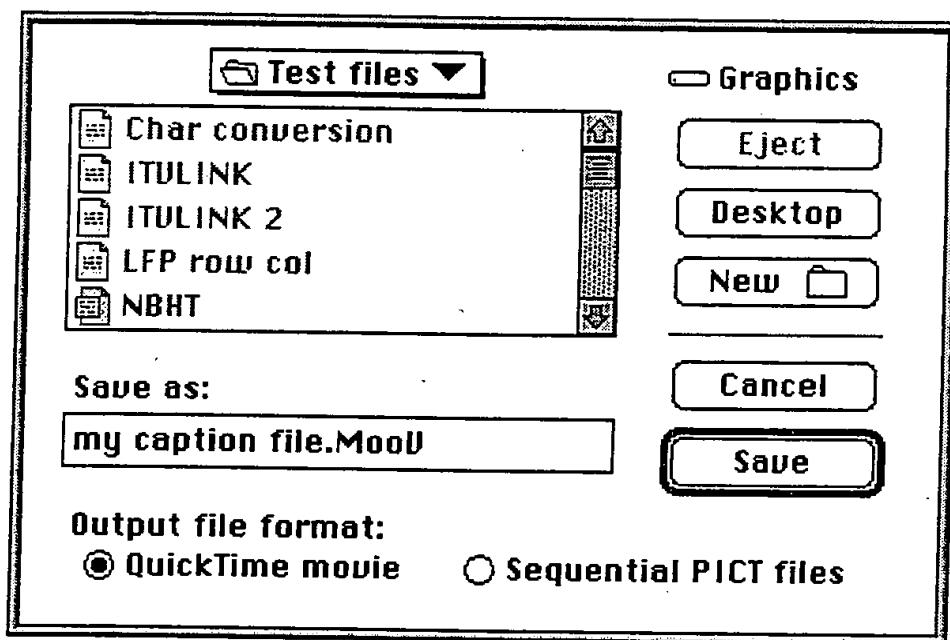


FIGURE 14

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Office of Technology

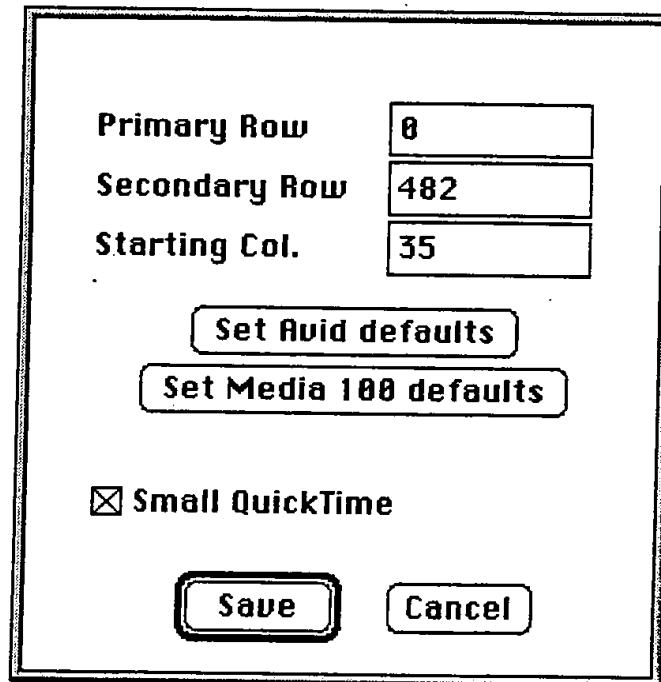


FIGURE 15

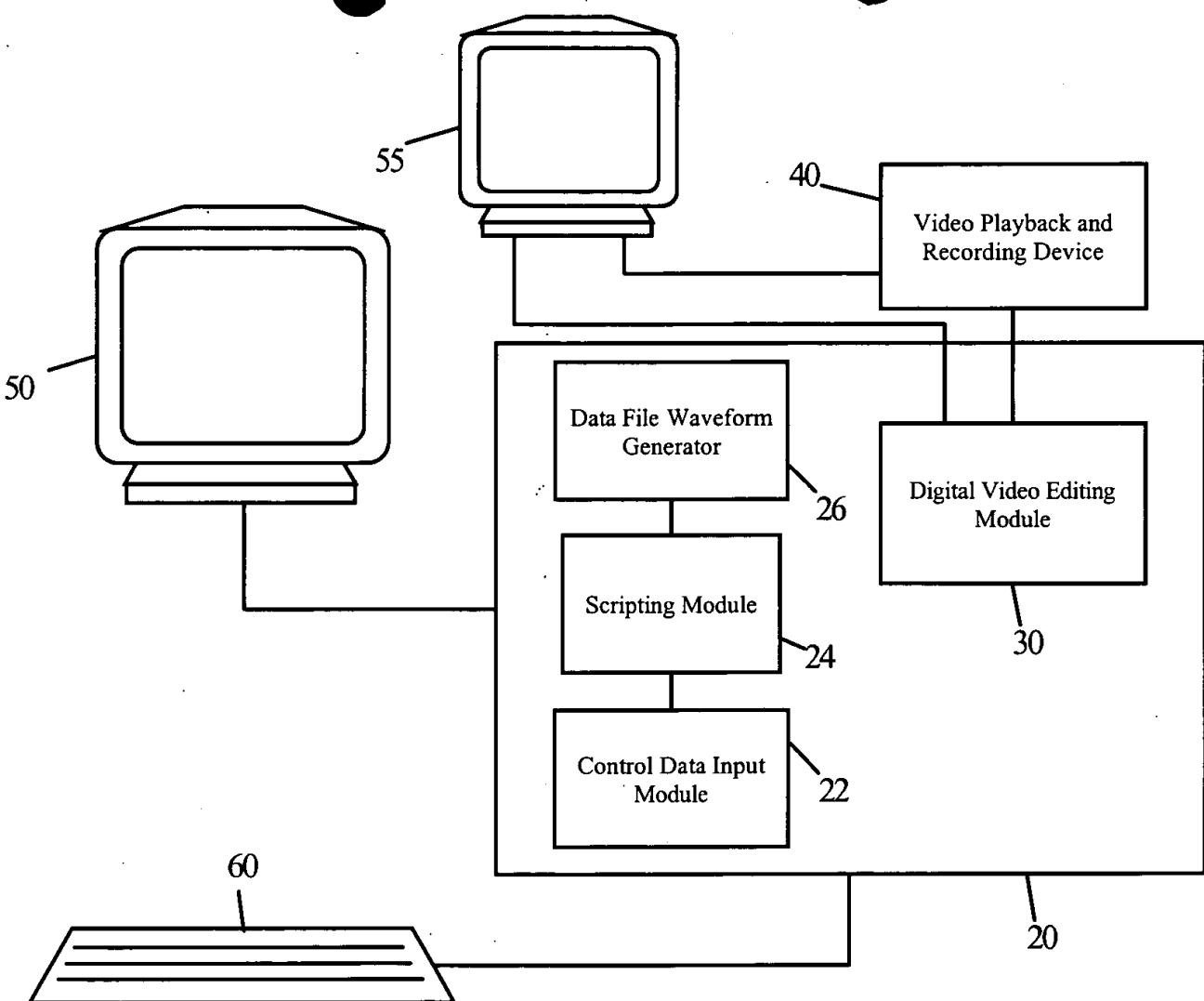


Figure 16

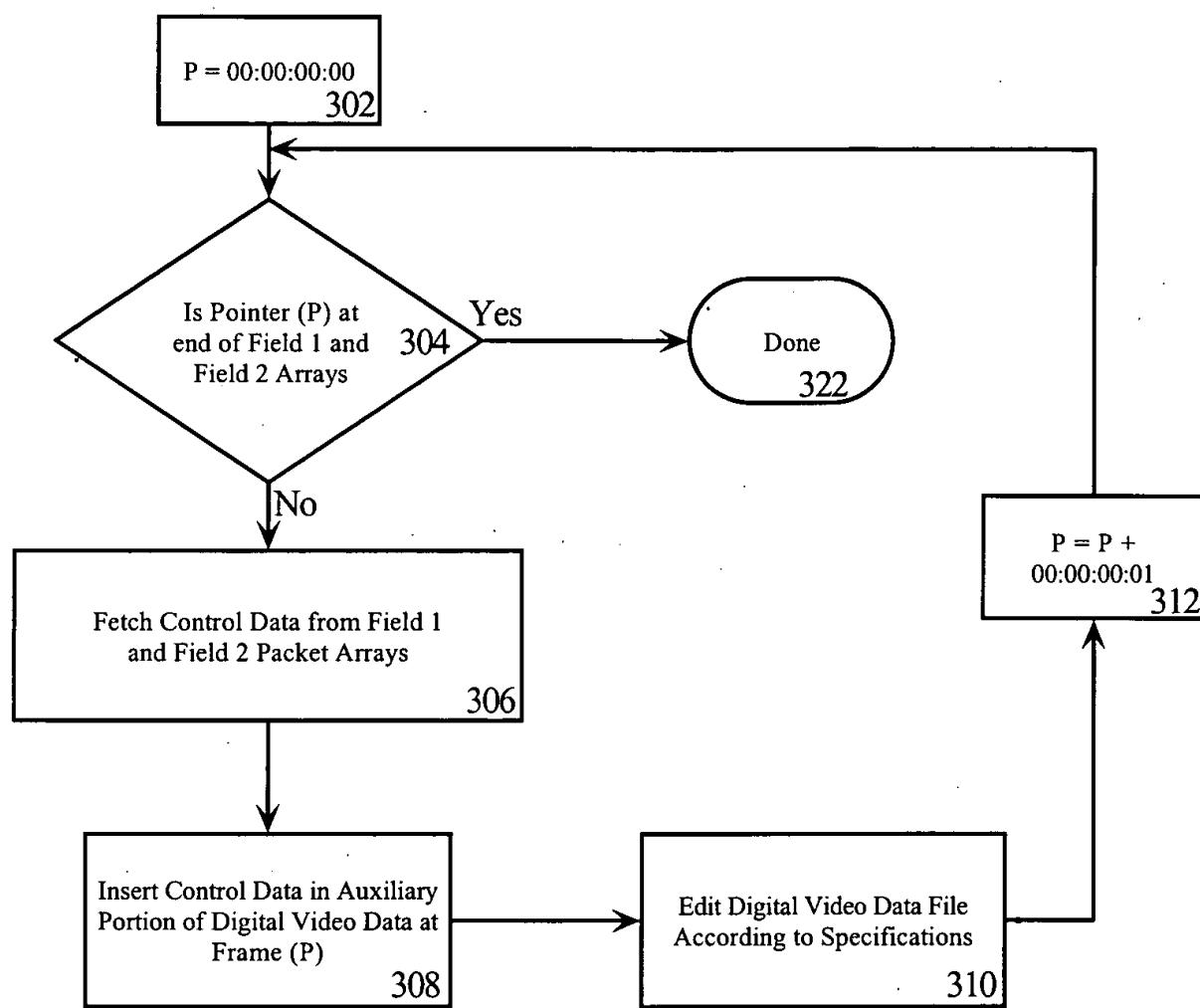


Figure 17